Juan V. Sancho

List of Publications by Year
in descending order

186	11,180	16791 66	43601 95
papers	citations	h-index	g-index

189	189	189	9946
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In-depth comparison of the metabolic and pharmacokinetic behaviour of the structurally related synthetic cannabinoids AMB-FUBINACA and AMB-CHMICA in rats. Communications Biology, 2022, 5, 161.	2.0	4
2	Are preserved coastal water bodies in Spanish Mediterranean basin impacted by human activity? Water quality evaluation using chemical and biological analyses. Environment International, 2022, 165, 107326.	4.8	4
3	Benefits of Ion Mobility Separation in GC-APCI-HRMS Screening: From the Construction of a CCS Library to the Application to Real-World Samples. Analytical Chemistry, 2022, 94, 9040-9047.	3.2	9
4	Understanding the pharmacokinetics of synthetic cathinones: Evaluation of the bloodâ€“brain barrier permeability of 13 related compounds in rats. Addiction Biology, 2021, 26, e12979.	1.4	6
5	The key role of mass spectrometry in comprehensive research on new psychoactive substances. Journal of Mass Spectrometry, 2021, 56, e4673.	0.7	6
6	Chromatography hyphenated to high resolution mass spectrometry in untargeted metabolomics for investigation of food (bio)markers. TrAC - Trends in Analytical Chemistry, 2021, 135, 116161.	5.8	52
7	Use of ion mobilityâ€high resolution mass spectrometry in metabolomics studies to provide near MS/MS quality data in a single injection. Journal of Mass Spectrometry, 2021, 56, e4718.	0.7	4
8	In vitro bioanalytical assessment of toxicity of wetland samples from Spanish Mediterranean coastline. Environmental Sciences Europe, 2021, 33, .	2.6	2
9	The relevant role of ion mobility separation in LC-HRMS based screening strategies for contaminants of emerging concern in the aquatic environment. Chemosphere, 2021, 280, 130799.	4.2	23
10	Novel sampling strategy for alive animal volatolome extraction combined with GC-MS based untargeted metabolomics: Identifying mouse pup pheromones. Talanta, 2021, 235, 122786.	2.9	9
11	Gas chromatography-mass spectrometry based untargeted volatolomics for smoked seafood classification. Food Research International, 2020, 137, 109698.	2.9	7
12	Direct and Fast Screening of New Psychoactive Substances Using Medical Swabs and Atmospheric Solids Analysis Probe Triple Quadrupole with Data-Dependent Acquisition. Journal of the American Society for Mass Spectrometry, 2020, 31, 1610-1614.	1.2	11
13	Improving Target and Suspect Screening High-Resolution Mass Spectrometry Workflows in Environmental Analysis by Ion Mobility Separation. Environmental Science & Technology, 2020, 54, 15120-15131.	4.6	69
14	Travelling Wave Ion Mobility-Derived Collision Cross Section for Mycotoxins: Investigating Interlaboratory and Interplatform Reproducibility. Journal of Agricultural and Food Chemistry, 2020, 68, 10937-10943.	2.4	31
15	Ultra-Performance Liquid Chromatography-Ion Mobility Separation-Quadruple Time-of-Flight MS (UHPLC-IMS-QTOF MS) Metabolomics for Short-Term Biomarker Discovery of Orange Intake: A Randomized, Controlled Crossover Study. Nutrients, 2020, 12, 1916.	1.7	14
16	Metabolic profiling of four synthetic stimulants, including the novel indanyl-cathinone 5-PPDi, after human hepatocyte incubation. Journal of Pharmaceutical Analysis, 2020, 10, 147-156.	2.4	8
17	Investigation on the consumption of synthetic cannabinoids among teenagers by the analysis of herbal blends and urine samples. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113298.	1.4	7
18	Rapid tentative identification of synthetic cathinones in seized products taking advantage of the full capabilities of triple quadrupole analyzer. Forensic Toxicology, 2019, 37, 34-44.	1.4	13

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19	Disruption of gut integrity and permeability contributes to enteritis in a fish-parasite model: a story told from serum metabolomics. Parasites and Vectors, 2019, 12, 486.	1.0	24
20	The role of analytical chemistry in exposure science: Focus on the aquatic environment. Chemosphere, 2019, 222, 564-583.	4.2	87
21	Study of cyanotoxin degradation and evaluation of their transformation products in surface waters by LC-QTOF MS. Chemosphere, 2019, 229, 538-548.	4.2	21
22	Simultaneous determination of new psychoactive substances and illicit drugs in sewage: Potential of micro-liquid chromatography tandem mass spectrometry in wastewater-based epidemiology. Journal of Chromatography A, 2019, 1602, 300-309.	1.8	41
23	Comprehensive investigation on synthetic cannabinoids: Metabolic behavior and potency testing, using 5Fâ€APPâ€PICA and AMBâ€FUBINACA as model compounds. Drug Testing and Analysis, 2019, 11, 1358-1368.	1.6	24
24	SECyTA2017 â€“ 15th Instrumental Analysis Conference (JAI 2017). Journal of Chromatography A, 2019, 1590, 1.	1.8	0
25	Contributions of MS metabolomics to gilthead sea bream (Sparus aurata) nutrition. Serum fingerprinting of fish fed low fish meal and fish oil diets. Aquaculture, 2019, 498, 503-512.	1.7	50
26	The classification of almonds (Prunus dulcis) by country and variety using UHPLC-HRMS-based untargeted metabolomics. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 395-403.	1.1	20
27	Assessment of protected designation of origin for Colombian coffees based on HRMS-based metabolomics. Food Chemistry, 2018, 250, 89-97.	4.2	30
28	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. Mass Spectrometry Reviews, 2018, 37, 258-280.	2.8	95
29	Development of a Retention Time Interpolation scale (RTi) for liquid chromatography coupled to mass spectrometry in both positive and negative ionization modes. Journal of Chromatography A, 2018, 1568, 101-107.	1.8	11
30	Reporting the novel synthetic cathinone 5-PPDI through its analytical characterization by mass spectrometry and nuclear magnetic resonance. Forensic Toxicology, 2018, 36, 447-457.	1.4	14
31	What about the herb? A new metabolomics approach for synthetic cannabinoid drug testing. Analytical and Bioanalytical Chemistry, 2018, 410, 5107-5112.	1.9	15
32	Identification and characterization of a putative new psychoactive substance, 2â€(2â€(4â€chlorophenyl)acetamido)â€3â€methylbutanamide, in Spain. Drug Testing and Analysis, 2017, 9, 1073-1080.	1.6	14
33	Evaluation of uncertainty sources in the determination of testosterone in urine by calibration-based and isotope dilution quantification using ultra high performance liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2017, 1508, 73-80.	1.8	10
34	Prediction of Collision Cross-Section Values for Small Molecules: Application to Pesticide Residue Analysis. Analytical Chemistry, 2017, 89, 6583-6589.	3.2	93
35	Proposal of 5-methoxy- N -methyl- N -isopropyltryptamine consumption biomarkers through identification of in vivo metabolites from mice. Journal of Chromatography A, 2017, 1508, 95-105.	1.8	18
36	Monitoring a large number of pesticides and transformation products in water samples from Spain and Italy. Environmental Research, 2017, 156, 31-38.	3.7	66

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37	Updating the list of known opioids through identification and characterization of the new opioid derivative 3,4-dichloro-N-(2-(diethylamino)cyclohexyl)-N-methylbenzamide (U-49900). Scientific Reports, 2017, 7, 6338.	1.6	30
38	Determination of selected endogenous anabolic androgenic steroids and ratios in urine by ultra high performance liquid chromatography tandem mass spectrometry and isotope pattern deconvolution. Journal of Chromatography A, 2017, 1515, 172-178.	1.8	12
39	Liquid chromatography-tandem mass spectrometry determination of synthetic cathinones and phenethylamines in influent wastewater of eight European cities. Chemosphere, 2017, 168, 1032-1041.	4.2	82
40	Untargeted metabolomics approach for unraveling robust biomarkers of nutritional status in fasted gilthead sea bream (Sparus aurata). PeerJ, 2017, 5, e2920.	0.9	26
41	Facilitating high resolution mass spectrometry data processing for screening of environmental water samples: An evaluation of two deconvolution tools. Science of the Total Environment, 2016, 569-570, 434-441.	3.9	24
42	Analytical methodologies based on LCâ€“MS/MS for monitoring selected emerging compounds in liquid and solid phases of the sewage sludge. MethodsX, 2016, 3, 333-342.	0.7	18
43	Behaviour of emerging contaminants in sewage sludge after anaerobic digestion. Chemosphere, 2016, 163, 296-304.	4.2	59
44	Comparison of approaches to deal with matrix effects in LC-MS/MS based determinations of mycotoxins in food and feed. World Mycotoxin Journal, 2016, 9, 149-161.	0.8	40
45	Metabolomic approach for Extra virgin olive oil origin discrimination making use of ultra-high performance liquid chromatography â€“ Quadrupole time-of-flight mass spectrometry. Food Control, 2016, 70, 350-359.	2.8	47
46	Told through the wine: A liquid chromatographyâ€“mass spectrometry interplatform comparison reveals the influence of the global approach on the final annotated metabolites in non-targeted metabolomics. Journal of Chromatography A, 2016, 1433, 90-97.	1.8	32
47	Potential of gas chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry for screening and quantification of hexabromocyclododecane. Analytical and Bioanalytical Chemistry, 2016, 408, 449-459.	1.9	11
48	Method development and validation for the determination of selected endocrine disrupting compounds by liquid chromatography mass spectrometry and isotope pattern deconvolution in water samples. Comparison of two extraction techniques. Analytical Methods, 2016, 8, 2895-2903.	1.3	14
49	Potential of atmospheric pressure chemical ionization source in gas chromatography tandem mass spectrometry for the screening of urinary exogenous androgenic anabolic steroids. Analytica Chimica Acta, 2016, 906, 128-138.	2.6	29
50	Biotransformation of pharmaceuticals in surface water and during waste water treatment: Identification and occurrence of transformation products. Journal of Hazardous Materials, 2016, 302, 175-187.	6.5	101
51	High resolution mass spectrometry to investigate omeprazole and venlafaxine metabolites in wastewater. Journal of Hazardous Materials, 2016, 302, 332-340.	6.5	34
52	Analytical strategy to investigate 3,4-methylenedioxypyrovalerone (MDPV) metabolites in consumersâ€™ urine by high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 151-164.	1.9	38
53	Mass Spectrometric Evaluation of Mephedrone In Vivo Human Metabolism: Identification of Phase I and Phase II Metabolites, Including a Novel Succinyl Conjugate. Drug Metabolism and Disposition, 2015, 43, 248-257.	1.7	73
54	Untargeted Metabolomics in Doping Control: Detection of New Markers of Testosterone Misuse by Ultrahigh Performance Liquid Chromatography Coupled to High-Resolution Mass Spectrometry. Analytical Chemistry, 2015, 87, 8373-8380.	3.2	39

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55	Multiresidue Analysis of Pesticides: LCâ€“MS/MS versus LCâ€“HRMS. , 2015, , 381-419.		1
56	Critical evaluation of a simple retention time predictor based on LogKow as a complementary tool in the identification of emerging contaminants in water. Talanta, 2015, 139, 143-149.	2.9	69
57	Exploring matrix effects in liquid chromatographyâ€“tandem mass spectrometry determination of pesticide residues in tropical fruits. Analytical and Bioanalytical Chemistry, 2015, 407, 3667-3681.	1.9	26
58	Screening of pharmaceuticals and illicit drugs in wastewater and surface waters of Spain and Italy by high resolution mass spectrometry using UHPLC-QTOF MS and LC-LTQ-Orbitrap MS. Analytical and Bioanalytical Chemistry, 2015, 407, 8979-8988.	1.9	60
59	Gas chromatographyâ€“tandem mass spectrometry with atmospheric pressure chemical ionization for fluorotelomer alcohols and perfluorinated sulfonamides determination. Journal of Chromatography A, 2015, 1413, 107-116.	1.8	36
60	A simple and rapid analytical methodology based on liquid chromatography-tandem mass spectrometry for monitoring pesticide residues in soils from Argentina. Analytical Methods, 2015, 7, 9504-9512.	1.3	27
61	Suspect screening of large numbers of emerging contaminants in environmental waters using artificial neural networks for chromatographic retention time prediction and high resolution mass spectrometry data analysis. Science of the Total Environment, 2015, 538, 934-941.	3.9	96
62	Novel Analytical Approach for Brominated Flame Retardants Based on the Use of Gas Chromatography-Atmospheric Pressure Chemical Ionization-Tandem Mass Spectrometry with Emphasis in Highly Brominated Congeners. Analytical Chemistry, 2015, 87, 9892-9899.	3.2	47
63	Advancing towards universal screening for organic pollutants in waters. Journal of Hazardous Materials, 2015, 282, 86-95.	6.5	125
64	Fast determination of 40 drugs in water using large volume direct injection liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2015, 131, 719-727.	2.9	77
65	Determination of patulin in apple and derived products by UHPLCâ€“MS/MS. Study of matrix effects with atmospheric pressure ionisation sources. Food Chemistry, 2014, 142, 400-407.	4.2	49
66	Investigation of cannabis biomarkers and transformation products in waters by liquid chromatography coupled to time of flight and triple quadrupole mass spectrometry. Chemosphere, 2014, 99, 64-71.	4.2	30
67	Investigation of pharmaceutical metabolites in environmental waters by LC-MS/MS. Environmental Science and Pollution Research, 2014, 21, 5496-5510.	2.7	28
68	Qualitative screening of 116 veterinary drugs in feed by liquid chromatographyâ€“high resolution mass spectrometry: Potential application to quantitative analysis. Food Chemistry, 2014, 160, 313-320.	4.2	68
69	Use of electron ionization and atmospheric pressure chemical ionization in gas chromatography coupled to time-of-flight mass spectrometry for screening and identification of organic pollutants in waters. Journal of Chromatography A, 2014, 1339, 145-153.	1.8	71
70	Identification of new omeprazole metabolites in wastewaters and surface waters. Science of the Total Environment, 2014, 468-469, 706-714.	3.9	29
71	Development and validation of a liquid chromatography isotope dilution mass spectrometry method for the reliable quantification of alkylphenols in environmental water samples by isotope pattern deconvolution. Journal of Chromatography A, 2014, 1328, 43-51.	1.8	18
72	Investigation of pharmaceuticals and illicit drugs in waters by liquid chromatography-high-resolution mass spectrometry. TrAC - Trends in Analytical Chemistry, 2014, 63, 140-157.	5.8	106

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73	Application of liquid chromatography/mass spectrometry in assessment of potential use of azadirachtins (TreeAzinâ„¢) against Asian longhorned beetle. Analytical Methods, 2014, 6, 8063-8071.	1.3	4
74	Mass spectrometric behavior of anabolic androgenic steroids using gas chromatography coupled to atmospheric pressure chemical ionization source. Part I: Ionization. Journal of Mass Spectrometry, 2014, 49, 509-521.	0.7	33
75	Validation of a qualitative screening method for pesticides in fruits and vegetables by gas chromatography quadrupole-time of flight mass spectrometry with atmospheric pressure chemical ionization. Analytica Chimica Acta, 2014, 838, 76-85.	2.6	58
76	Improvements in analytical methodology for the determination of frequently consumed illicit drugs in urban wastewater. Analytical and Bioanalytical Chemistry, 2014, 406, 4261-4272.	1.9	50
77	Metabolomic approaches for orange origin discrimination by ultra-high performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. Food Chemistry, 2014, 157, 84-93.	4.2	85
78	Determination of 17Î²-estradiol and 17Î±-ethinylestradiol in water at sub-ppt levels by liquid chromatography coupled to tandem mass spectrometry. Analytical Methods, 2014, 6, 5028.	1.3	25
79	Comprehensive analytical strategies based on high-resolution time-of-flight mass spectrometry to identify new psychoactive substances. TrAC - Trends in Analytical Chemistry, 2014, 57, 107-117.	5.8	67
80	Direct liquid chromatographyâ€“tandem mass spectrometry determination of underivatized glyphosate in rice, maize and soybean. Journal of Chromatography A, 2013, 1313, 157-165.	1.8	90
81	Quadrupoleâ€timeâ€ofâ€flight mass spectrometry screening for synthetic cannabinoids in herbal blends. Journal of Mass Spectrometry, 2013, 48, 685-694.	0.7	29
82	Isotope pattern deconvolution-tandem mass spectrometry for the determination and confirmation of diclofenac in wastewaters. Analytica Chimica Acta, 2013, 765, 77-85.	2.6	13
83	Investigation of degradation products of cocaine and benzoylecgonine in the aquatic environment. Science of the Total Environment, 2013, 443, 200-208.	3.9	45
84	Combined use of liquid chromatography triple quadrupole mass spectrometry and liquid chromatography quadrupole time-of-flight mass spectrometry in systematic screening of pesticides and other contaminants in water samples. Analytica Chimica Acta, 2013, 761, 117-127.	2.6	138
85	Fast methodology for the reliable determination of nonylphenol in water samples by minimal labeling isotope dilution mass spectrometry. Journal of Chromatography A, 2013, 1301, 19-26.	1.8	19
86	Development of a fast analytical method for the individual determination of pyrethrins residues in fruits and vegetables by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2013, 1307, 126-134.	1.8	19
87	Qualitative validation of a liquid chromatographyâ€“quadrupole-time of flight mass spectrometry screening method for organic pollutants in waters. Journal of Chromatography A, 2013, 1276, 47-57.	1.8	69
88	Development of sensitive and rapid analytical methodology for food analysis of 18 mycotoxins included in a total diet study. Analytica Chimica Acta, 2013, 783, 39-48.	2.6	74
89	Improvements in the analytical methodology for the residue determination of the herbicide glyphosate in soils by liquid chromatography coupled to mass spectrometry. Journal of Chromatography A, 2013, 1292, 132-141.	1.8	68
90	Investigating the presence of omeprazole in waters by liquid chromatography coupled to low and high resolution mass spectrometry: degradation experiments. Journal of Mass Spectrometry, 2013, 48, 1091-1100.	0.7	33

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91	The Power of Hyphenated Chromatography/Time-of-Flight Mass Spectrometry in Public Health Laboratories. Journal of Agricultural and Food Chemistry, 2012, 60, 5311-5323.	2.4	22
92	Multi-class determination of personal care products and pharmaceuticals in environmental and wastewater samples by ultra-high performance liquid-chromatography-tandem mass spectrometry. Talanta, 2012, 99, 1011-1023.	2.9	105
93	Optimisation and validation of a specific analytical method for the determination of thiram residues in fruits and vegetables by LCâ€“MS/MS. Food Chemistry, 2012, 135, 186-192.	4.2	45
94	Importance of MS selectivity and chromatographic separation in LCâ€MS/MSâ€based methods when investigating pharmaceutical metabolites in water. Dipyrone as a case of study. Journal of Mass Spectrometry, 2012, 47, 1040-1046.	0.7	18
95	Advantages of Atmospheric Pressure Chemical Ionization in Gas Chromatography Tandem Mass Spectrometry: Pyrethroid Insecticides as a Case Study. Analytical Chemistry, 2012, 84, 9802-9810.	3.2	72
96	Target and non-target screening strategies for organic contaminants, residues and illicit substances in food, environmental and human biological samples by UHPLC-QTOF-MS. Analytical Methods, 2012, 4, 196-209.	1.3	130
97	Determination of six microcystins and nodularin in surface and drinking waters by on-line solid phase extractionâ€“ultra high pressure liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2012, 1266, 61-68.	1.8	70
98	Current use of high-resolution mass spectrometry in the environmental sciences. Analytical and Bioanalytical Chemistry, 2012, 403, 1251-1264.	1.9	221
99	Occurrence and removal of pharmaceuticals in wastewater treatment plants at the Spanish Mediterranean area of Valencia. Chemosphere, 2012, 87, 453-462.	4.2	351
100	Liquid chromatography coupled to tandem mass spectrometry for the residue determination of ethylenethiourea (ETU) and propylenethiourea (PTU) in water. Journal of Chromatography A, 2012, 1243, 53-61.	1.8	18
101	Multi-residue determination of pesticides in tropical fruits using liquid chromatography/tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 402, 2287-2300.	1.9	39
102	Analytical study on ethephon residue determination in water by ion-pairing liquid chromatography/tandem mass spectrometry. International Journal of Environmental Analytical Chemistry, 2011, 91, 1380-1391.	1.8	5
103	Rapid wide-scope screening of drugs of abuse, prescription drugs with potential for abuse and their metabolites in influent and effluent urban wastewater by ultrahigh pressure liquid chromatographyâ€“quadrupole-time-of-flight-mass spectrometry. Analytica Chimica Acta, 2011, 684, 96-106.	2.6	100
104	Comparison between triple quadrupole, time of flight and hybrid quadrupole time of flight analysers coupled to liquid chromatography for the detection of anabolic steroids in doping control analysis. Analytica Chimica Acta, 2011, 684, 107-120.	2.6	46
105	Determination of eight nitrosamines in water at the ng Lâ^'1 levels by liquid chromatography coupled to atmospheric pressure chemical ionization tandem mass spectrometry. Analytica Chimica Acta, 2011, 702, 62-71.	2.6	71
106	Multi-class determination of around 50 pharmaceuticals, including 26 antibiotics, in environmental and wastewater samples by ultra-high performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2011, 1218, 2264-2275.	1.8	180
107	Mass spectrometric characterization of urinary toremifene metabolites for doping control analyses. Journal of Chromatography A, 2011, 1218, 4727-4737.	1.8	23
108	Building an empirical mass spectra library for screening of organic pollutants by ultraâ€highâ€pressure liquid chromatography/hybrid quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 355-369.	0.7	52

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109	Use of quadrupole timeâ€ofâ€flight mass spectrometry to determine proposed structures of transformation products of the herbicide bromacil after water chlorination. Rapid Communications in Mass Spectrometry, 2011, 25, 3103-3113.	0.7	18
110	Retrospective LCâ€QTOFâ€MS analysis searching for pharmaceutical metabolites in urban wastewater. Journal of Separation Science, 2011, 34, 3517-3526.	1.3	81
111	Fragmentation pathways of drugs of abuse and their metabolites based on QTOF MS/MS and MSE accurate-mass spectra. Journal of Mass Spectrometry, 2011, 46, 865-875.	0.7	86
112	UHPLCâ€“MS/MS highly sensitive determination of aflatoxins, the aflatoxin metabolite M1 and ochratoxin A in baby food and milk. Food Chemistry, 2011, 126, 737-744.	4.2	140
113	Simultaneous determination of triazines and their main transformation products in surface and urban wastewater by ultra-high-pressure liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2010, 397, 2791-2805.	1.9	52
114	Mass Spectrometry: Fourth conference of the Spanish Society of Mass Spectrometry (SEEM). Analytical and Bioanalytical Chemistry, 2010, 397, 2761-2762.	1.9	0
115	Quantification, confirmation and screening capability of UHPLC coupled to triple quadrupole and hybrid quadrupole timeâ€ofâ€flight mass spectrometry in pesticide residue analysis. Journal of Mass Spectrometry, 2010, 45, 421-436.	0.7	72
116	Potential of atmospheric pressure chemical ionization source in GCâ€QTOF MS for pesticide residue analysis. Journal of Mass Spectrometry, 2010, 45, 926-936.	0.7	97
117	Simultaneous determination of acidic, neutral and basic pharmaceuticals in urban wastewater by ultra high-pressure liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 622-632.	1.8	133
118	Detection and Characterization of a New Metabolite of 17Î±-Methyltestosterone. Drug Metabolism and Disposition, 2009, 37, 2153-2162.	1.7	50
119	Use of ultraâ€highâ€pressure liquid chromatographyâ€“quadrupole timeâ€ofâ€flight MS to discover the presence of pesticide metabolites in food samples. Journal of Separation Science, 2009, 32, 2245-2261.	1.3	51
120	Determination of mycotoxins in different food commodities by ultraâ€highâ€pressure liquid chromatography coupled to triple quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 1801-1809.	0.7	112
121	Determination of subâ€ppb epichlorohydrin levels in water by onâ€line solidâ€phase extraction liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 1841-1848.	0.7	8
122	Application of ultra-high-pressure liquid chromatographyâ€“tandem mass spectrometry to the determination of multi-class pesticides in environmental and wastewater samples. Journal of Chromatography A, 2009, 1216, 1410-1420.	1.8	138
123	Simultaneous ultra-high-pressure liquid chromatographyâ€“tandem mass spectrometry determination of amphetamine and amphetamine-like stimulants, cocaine and its metabolites, and a cannabis metabolite in surface water and urban wastewater. Journal of Chromatography A, 2009, 1216, 3078-3089.	1.8	164
124	Screening of antibiotics in surface and wastewater samples by ultra-high-pressure liquid chromatography coupled to hybrid quadrupole time-of-flight mass spectrometry. Journal of Chromatography A, 2009, 1216, 2529-2539.	1.8	108
125	Determination of melamine in milk-based products and other food and beverage products by ion-pair liquid chromatographyâ€“tandem mass spectrometry. Analytica Chimica Acta, 2009, 649, 91-97.	2.6	107
126	Detection and structural investigation of metabolites of stanozolol in human urine by liquid chromatography tandem mass spectrometry. Steroids, 2009, 74, 837-852.	0.8	56

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127	Combined Use of GC-TOF MS and UHPLC-(Q)TOF MS To Investigate the Presence of Nontarget Pollutants and Their Metabolites in a Case of Honeybee Poisoning. Journal of Agricultural and Food Chemistry, 2009, 57, 4079-4090.	2.4	40
128	Fast determination of toxic diethylene glycol in toothpaste by ultra-performance liquid chromatographyâ€“time of flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2008, 391, 1021-1027.	1.9	14
129	Collisionâ€induced dissociation of 3â€keto anabolic steroids and related compounds after electrospray ionization. Considerations for structural elucidation. Rapid Communications in Mass Spectrometry, 2008, 22, 4009-4024.	0.7	89
130	Investigating the presence of pesticide transformation products in water by using liquid chromatographyâ€mass spectrometry with different mass analyzers. Journal of Mass Spectrometry, 2008, 43, 173-184.	0.7	46
131	Rapid non-target screening of organic pollutants in water by ultraperformance liquid chromatography coupled to time-of-light mass spectrometry. TrAC - Trends in Analytical Chemistry, 2008, 27, 481-489.	5.8	174
132	Investigation of pesticide metabolites in food and water by LC-TOF-MS. TrAC - Trends in Analytical Chemistry, 2008, 27, 862-872.	5.8	82
133	Pesticide residues and transformation products in groundwater from a Spanish agricultural region on the Mediterranean Coast. International Journal of Environmental Analytical Chemistry, 2008, 88, 409-424.	1.8	39
134	Use of Liquid Chromatography Coupled to Quadrupole Time-of-Flight Mass Spectrometry To Investigate Pesticide Residues in Fruits. Analytical Chemistry, 2007, 79, 2833-2843.	3.2	93
135	Methodical approach for the use of GCâ€TOF MS for screening and confirmation of organic pollutants in environmental water. Journal of Mass Spectrometry, 2007, 42, 1175-1185.	0.7	37
136	Antibiotic residue determination in environmental waters by LC-MS. TrAC - Trends in Analytical Chemistry, 2007, 26, 466-485.	5.8	166
137	The evenâ€electron rule in electrospray mass spectra of pesticides. Rapid Communications in Mass Spectrometry, 2007, 21, 3855-3868.	0.7	67
138	Multiresidue pesticide analysis of fruits by ultra-performance liquid chromatography tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2007, 389, 1765-1771.	1.9	33
139	Analytical Study of Trichlorfon Residues in Kaki Fruit and Cauliflower Samples by Liquid Chromatographyâ^'Electrospray Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2006, 54, 1188-1195.	2.4	15
140	Efficient approach for the reliable quantification and confirmation of antibiotics in water using on-line solid-phase extraction liquid chromatography/tandem mass spectrometry. Journal of Chromatography A, 2006, 1103, 83-93.	1.8	154
141	Re-evaluation of glyphosate determination in water by liquid chromatography coupled to electrospray tandem mass spectrometry. Journal of Chromatography A, 2006, 1134, 51-55.	1.8	115
142	Quantification and confirmation of anionic, cationic and neutral pesticides and transformation products in water by on-line solid phase extractionâ€“liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2006, 1133, 204-214.	1.8	51
143	Multiresidue liquid chromatography tandem mass spectrometry determination of 52 non gas chromatography-amenable pesticides and metabolites in different food commodities. Journal of Chromatography A, 2006, 1109, 242-252.	1.8	200
144	Confirmation of organic micropollutants detected in environmental samples by liquid chromatography tandem mass spectrometry: Achievements and pitfalls. TrAC - Trends in Analytical Chemistry, 2006, 25, 1030-1042.	5.8	101

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145	Potential of liquid chromatography/time-of-flight mass spectrometry for the determination of pesticides and transformation products in water. Analytical and Bioanalytical Chemistry, 2006, 386, 987-997.	1.9	81
146	Study of different atmospheric-pressure interfaces for LC-MS/MS determination of acrylamide in water at sub-ppb levels. Journal of Mass Spectrometry, 2006, 41, 1041-1048.	0.7	27
147	Evaluation of different quantitative approaches for the determination of noneasily ionizable molecules by different atmospheric pressure interfaces used in liquid chromatography tandem mass spectrometry: Abamectin as case of study. Journal of the American Society for Mass Spectrometry, 2005, 16, 1619-1630.	1.2	46
148	Strategies for quantification and confirmation of multi-class polar pesticides and transformation products in water by LCâ€“MS2 using triple quadrupole and hybrid quadrupole time-of-flight analyzers. TrAC - Trends in Analytical Chemistry, 2005, 24, 596-612.	5.8	153
149	Residue determination of cyromazine and its metabolite melamine in chard samples by ion-pair liquid chromatography coupled to electrospray tandem mass spectrometry. Analytica Chimica Acta, 2005, 530, 237-243.	2.6	168
150	Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry. Journal of Chromatography A, 2005, 1081, 145-155.	1.8	213
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